

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYRECEIVED BY  
Other instructions on  
reverse side)

NOV 15 1984

Form approved.  
Budget Bureau No. 42-R1425.

30-015-25092

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 6, T-17S, R-30E

12. COUNTY OR PARISH

13. STATE

Eddy

New Mexico

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL

WELL ☐

GAS

WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Santa Fe Energy Company ✓

3. ADDRESS OF OPERATOR

500 W. Illinois, Suite 500, Midland, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1980' FNL, 870' FEL, Section 6, T-17S, R-30E

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

2 miles north of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1100'

19. PROPOSED DEPTH

11500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3687.6 GR

22. APPROX. DATE WORK WILL START\*

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5	500'	530 sx Circulated
12 1/4"	9 5/8"	36.0	2650'	1025 sx Circulated
7 7/8"	5 1/2"	17.0	11300'	470 sx

Move on location and rig up rotary tools. Drill a 17 1/2" hole to 500'+. Run 13 3/8" casing. Cement with 530 sx C1 "C" cement containing 2% calcium chloride. Wait on cement until 500 psi compressive strength is obtained. Nipple up BOP and test to 600 psi. Drill 12 1/4" hole to 2650'. Run 9 5/8" casing. Cement with 825 sx lite cement containing 18% salt, 1% calcium chloride, and 1/4#/sk cellofane flakes. Wait on cement until 500 psi compressive strength is obtained. Nipple up BOP stack and choke manifold. Test to 5000 psi. Drill 7 7/8" hole to 11300'. Test zones of interest. Run electric logs. Either run 5 1/2" casing and cement with 470 sacks Class "H" containing 5% potassium chloride, 0.6% fluid loss control agent (D-28 B.J. Hughes), and 0.2% antifoaming agent (D-6 B.J. Hughes) or plug and abandon as per BLM instructions. All cement to weigh at least 1.0 ppg more than mud weight used to drill specific interval.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Mike Burton*

Mike Burton

TITLE Drilling Engineer

DATE

10/15/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*Scott Adams*

TITLE

AREA MANAGER

CARLSBAD RESOURCE AREA

DATE

11-14-84

CONDITIONS OF APPROVAL, IF ANY:

Subject to  
Like Approval  
by State

*Unorthodox  
location*

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

ATTACHED